

Claim 81: (Currently amended) ~~The~~ An isolated nucleic acid molecule ~~of claim~~ 80, comprising the nucleotide sequence of SEQ ID NO: 15.

Claim 82: (Currently amended) ~~The~~ An isolated nucleic acid molecule ~~of claim~~ 80, comprising the nucleotide sequence of SEQ ID NO: 8.

Claim 83: (Currently amended) ~~The~~ An isolated nucleic acid molecule ~~of claim~~ 80, comprising the nucleotide sequence of SEQ ID NO: 4.

Claim 84: (Currently amended) ~~The~~ An isolated nucleic acid molecule ~~of claim~~ 80, comprising a nucleotide sequence which encodes a protein comprising the amino acid sequence of SEQ ID NO: 16.

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Claim 85: (Previously presented) Expression vector comprising the isolated nucleic acid molecule of claim 80, operably linked to a promoter.

Claim 86 (Currently amended) Recombinant cell, transformed or transfected with the isolated nucleic acid molecule of claim 80-81.

Claim 87 (Previously presented) Recombinant cell, transformed or transfected with the isolated nucleic acid molecule of claim 80.

Claim 88 (Previously presented) The recombinant cell of claim 86, wherein said recombinant cell is further transfected with a nucleic acid molecule encoding a cytokine, or an MHC molecule.

Claim 89 (Previously presented) The recombinant cell of claim 87, wherein said recombinant cell is further transfected with a nucleic acid molecule which encodes a cytokine, or an MHC molecule.

Claim 90 (Previously presented) The recombinant cell of claim 88, wherein said cytokine is an interleukin.

Claim 91 (Previously presented) The recombinant cell of claim 89, wherein said cytokine is an interleukin.

Claim 92 (Previously presented) The recombinant cell of claim 90, wherein said interleukin is IL-2, IL-4, or IL-12.

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Claim 93 (Previously presented) The recombinant cell of claim 91, wherein said interleukin is IL-2, IL-4, or IL-12.

Claim 94 (Previously presented) The recombinant cell of claim 86, rendered non-proliferative.

Claim 95 (Previously presented) The recombinant cell of claim 87, rendered non-proliferative.

Claim 96 (Previously presented) The expression vector of claim 85, comprising a mutated or attenuated virus.

Claim 97 (Currently amended) The expression vector of Claim 97-96, wherein said virus is vaccinia virus or adenovirus.